

ABSTRACT OF THE DISCLOSURE

A video system includes a video source operable to transmit an active video signal on a transmission line. Each of a plurality of receivers is operable to transmit a respective data signal on a respective one of a plurality of ports. A distribution device is electrically connected to the transmission line and to each of the ports. The distribution device transmits each of the data signals to the video source on the transmission line. The distribution device includes a plurality of amplifiers. Each amplifier has an input and an output, and receives signals on the input for transmission on the output as amplified signals. Each amplifier is operable to block signals received on the output from being transmitted on the input. Each amplifier transmits a respective amplified signal to a respective one of the receivers on a respective one of the ports. Each amplified signal is dependent upon the active video signal and upon a data signal from the receivers other than the respective receiver.